

WHAT IS CLAIMED IS:

1. A system for storing and releasing objects onto a production line, said system comprising:
 - an enclosed space with an opening at a side surface adjacent a top thereof;
 - a central structure of the enclosed space;
 - a helical support disposed about the central structure providing layers of storage to store objects to be released onto a production line; and
 - a pusher blade movably disposed around the central structure so that the pusher blade moves from the bottom of the enclosed space pushing a line of objects to the top of the enclosed space and out the opening.
2. The system according to Claim 1, wherein the central structure is a center rod.
3. The system according to Claim 1, wherein the central structure is a helical rail.
4. The system according to Claim 3, where in the central structure is a dual rail.
5. The system according to Claim 1, further comprising a drive system to move said pusher blade up said helical support, the drive system having an pneumatic, electric, hydraulic or mechanical operation.
6. The system according to Claim 5, wherein the drive system includes a spring-loaded system to move said pusher blade up said helical support.
7. The system according to Claim 5, wherein the drive system is a motor-driven system to move said pusher blade up said helical support.
8. The system according to Claim 1, wherein the objects are selected from the group consisting of transfer stabilizing supports, containers and transfer stabilizing supports with containers.

9. The system according to Claim 1, wherein the objects are transfer stabilizing supports that support an odd-shaped container or object to be conveyed in a production line.
10. The system according to Claim 1, wherein the objects are containers.
11. The system according to Claim 1, wherein the objects are transfer stabilizing supports attached to containers.
12. A system for storing and releasing objects onto a production line, said system comprising:
 - an enclosed space with an opening at a side surface adjacent a top thereof;
 - a central structure of the enclosed space;
 - a helical support disposed about the central structure providing layers of storage to store objects to be released onto a production line; and
 - pusher means for moving stored objects around the central structure from the bottom of the enclosed space by pushing a number of objects to the top of the enclosed space and out the opening.
13. The system according to Claim 12, wherein the central structure is a center rod.
14. The system according to Claim 12, wherein the central structure is a helical rail.
15. The system according to Claim 14, wherein the central structure is a dual rail.
16. The system according to Claim 12, wherein said pusher means comprises a drive system to move said pusher means in a controlled manner up said helical support.

17. The system according to Claim 16, wherein the drive system includes a spring-loaded system to move said pusher means up said helical support.

18. The system according to Claim 16, wherein the drive system is a motor-driven system to move said pusher means up said helical support.

19. A method for providing an object to a production line, comprising the steps of:

positioning an enclosure filled with objects to be conveyed in a packaging production line in an area before the actual packaging operation;

activating means to push a number of stored objects out of the enclosure and onto the packaging production line area with an appropriate orientation; and

moving the pushed-out stored objects toward the actual packaging operation.

20. The method according to Claim 19, further comprising the step of deactivating the means for pushing stored objects, if another size or type object is to be packaged; and then, replacing the initial enclosure with a new enclosure containing stored objects of the desired size and/or type, and activating the pusher means within the new enclosure.